



**MEMORANDUM**

DATE: March 24, 2014

FROM: Director, Center for Tobacco Products, FDA

TO: Tobacco Products Scientific Advisory Committee (TPSAC)

SUBJECT: Meeting of the Tobacco Products Scientific Advisory Committee (TPSAC) on  
17 April 2014

Thank you for your participation in the upcoming Tobacco Products Scientific Advisory Committee Meeting, April 17, 2014. This meeting will provide an opportunity for the Center for Tobacco Products (CTP) to solicit comments from the Advisory Committee and the public regarding population modeling in the regulatory assessment of tobacco products.

**Summary of Briefing Package Contents:**

- Delnevo, CD & Bauer, UE (2009). Monitoring the tobacco use epidemic III, The host: data sources and methodological challenges. *Preventive Medicine*, 48: S16-S23.
- Esteve, A, & Sobek, M (2003). Challenges and methods of international census harmonization, *Historical Method*, Spring: 36(2): 66-79.
- Gold, MR, Stevenson, D & Fryback, DG (2002). HALYs and QALYs and DALYs, oh my: Similarities and differences in summary measures of population health, *Annu. Rev. Public Health*, 23: 115-134.
- King, ML & Tertilt, M (2013). An integrated version of the March current population survey, 1962-2002. *Historical Method*, Winter, 36(1): 35-40.
- Levy, DT, Bauer, JE, Lee, H (2006). Simulation Modeling and Tobacco Control: Creating More Robust Public Health Policies. *American Journal of Public Health*, 96(3): 494-498.
- Marcus, SE, Leischow, SJ, Mabry, PL & Clark, PI (2010). Editorial: Lessons learned from the application of systems science to tobacco control at the National Cancer Institute, 1962-2002. *American Journal of Public Health*, July, 100(7): 1163-1165.
- National Cancer Institute. *Greater Than the Sum: Systems Thinking in Tobacco Control*. Tobacco Control Monograph No. 18. Bethesda, MD: U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute. NIH Pub. No. 06-6085, April 2007.
- National Research Council. (2013). *Nonresponse in Social Science Surveys: A Research Agenda*. Roger Tourangeau and Thomas J. Plewes, Editors. Panel on a Research Agenda for the Future of Social Science Data Collection, Committee on National Statistics. Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.
- Sobek, M, Hindman, M & Ruggles, S (2007). Using cyber-resources to build databases for social science research, *Minnesota Population Center, University of Minnesota*, Working Paper No. 2007-01.
- Warner, KE & Méndez, D (2012). Accuracy and Importance of Projections from a Dynamic Model of Smoking Prevalence in the United States. *American Journal of Public Health*, 102(11): 2045-2048.

The proposed topics for discussion are:

- Model development process;
- Sources and quality of data on tobacco usage to generate input parameters for modeling the effects of tobacco products on the population;
- Various modeling approaches that may be used to understand and project the effects of tobacco products on the health of the US population.

We look forward to your comments regarding population modeling in the regulatory assessment of tobacco products.